



PTO/SB/08a (04-07)

Approved for use through 09/30/2007. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**  
Form PTO/SB/08a

(Use as many sheets as necessary)

Sheet 1 of 1

**Complete if Known**

Application Number	09/427,938
Filing Date	October 27, 1999
First Named Inventor	John S. HENDRICKS et al.
Art Unit	2142
Examiner Name	Michael D. Meucci
Attorney Docket Number	026880-00004

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
		US- 5,918,213	06-29-1999	Warren E. BERNARD et al.	
		US-6,334,109	12-25-2001	Dimitri KANEVSKY et al.	
		US-5,128,662	07-07-1992	Stephen J. FAILLA	
		US-6,486,895	11-26-2002	George G. ROBERTSON	
		US-6,339,842	01-15-2002	Dennis SUNGA FERNANDEZ et al.	
		US-6,314,474	11-06-2001	Erik WALTER et al.	
		US-5,957,697	09-28-1999	Jerry IGGULDEN et al.	
		US-6,313,828	11-06-2001	Carlos Landetta CHOMBO	
		US-6,657,654	12-02-2003	Chandrasekhar NARAYANASWAMI	
		US-6,847,403	01-25-2005	Roy W. FORSBERG, Jr., et al.	
		US-			
		US-			
		US-			
		US-			

**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>3</sup>
		Country Code <sup>4</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)				

**NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
		Proceedings of the Symposium on Optical Character Recognition, Washington, D.C., 1962, Edited by Fisher, George, et al., 6 pages.	
		Rethinking Ink, Science News, June 20, 1998, 4 pages.	
		Computer Organization and Design, Patterson, David, and John Hennessy, 1998, 4 pages.	

Examiner Signature	Date Considered
--------------------	-----------------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language translation is attached. AB indicates that only an English language abstract is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**  
Form PTO/SB/08a**Complete if Known**

Application Number	09/427,938
Filing Date	October 27, 1999
First Named Inventor	John S. HENDRICKS et al.
Art Unit	2142
Examiner Name	Michael D. Meucci
Attorney Docket Number	026880-00004

Sheet 1 of 1

**U.S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Number-Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	A1	US- 5,864,823		01-26-1999	LEVITAN	
	A2	US-4,023,408		05-17-1977	RYAN et al.	
	A3	US-5,146,600		09-08-1992	SUGIURA	
	A4	US-5,220,438		06-15-1993	YAMAMOTO	
	A5	US-5,237,614		08-17-1993	WEISS	
	A6	US-5,565,999		10-15-1996	TAKAHASHI	
	A7	US-5,621,658		04-15-1997	JACKSON et al.	
	A8	US-5,428,529		06-27-1995	HARTRICK et al.	
	A9	US-4,941,089		07-10-1990	FISHER	
	A10	US-5,691,777		11-25-1997	KASSAATLY	
	A11	US-5,892,900		04-06-1999	GINTER et al.	
	A12	US-6,415,316		07-02-2002	VAN DER MEER	
	A13	US-4,890,319		12-26-1989	SETH-SMITH et al.	
	A14	US-5,054,984		10-08-1991	CHAN et al.	
	A15	4,272,819		06-09-1981	Katsumata et al.	
	A16	4,513,390		04-23-1985	Walter et al.	
	A17	4,774,655		09-27-1988	Kollin et al.	
	A18	4,796,220		01-03-1989	Wolfe	
	A19	4,941,125		07-10-1990	Boyne	
	A20	5,099,331		03-24-1992	Truong	
	A21	5,220,649		06-15-1993	Mitchell	
	A22	5,260,788		11-09-1993	Takano et al.	
	A23	5,341,425		08-23-1994	Wasilweski et al.	
	A24	5,375,160		12-20-1994	Guidon et al.	
	A25	5,444,853		08-22-1995	Lentz	
	A26	5,475,585		12-12-1995	Bush	
	A27	5,479,615		12-26-1995	Ishii et al.	
	A28	5,557,744		09-17-1996	Kobayakawa et al.	
	A29	5,561,803		10-01-1996	Kilis	
	A30	5,581,686		12-03-1996	Koppolu et al.	
	A31	5,649,230		07-15-1997	Lentz	
	A32	5,715,314		02-03-1998	Payne et al.	
	A33	6,438,233		08-20-2002	Yoshimune et al.	
	A34	2005/0144133		06-30-2005	Hoffman	
	A35	2003/0198932		10-23-2003	Stuppy	

Substitute for form 1449A/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> Form PTO/SB/08a				Complete if Known				
				Application Number	09/427,938			
				Filing Date	October 27, 1999			
				First Named Inventor	John S. HENDRICKS et al.			
				Art Unit	2142			
				Examiner Name	Michael D. Meucci			
Sheet	1	of	1	Attorney Docket Number	026880-00004			
<b>FOREIGN PATENT DOCUMENTS</b>								
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Country Code <sup>2</sup>	Number <sup>3</sup> Kind Code <sup>5</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
	A36	EP 140302	EP		05-08-1985	Ghosh et al.		
	A37	JP03225445	JP		10-04-1991	Naka et al.		AB
	A38	JP05233547	JP		09-10-1993	Kigami et al.		AB
	A39	WO93/15466	WO		08-05-1993	Diaz et al.		

<b>NON PATENT LITERATURE DOCUMENTS</b>			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	A40	HERRDN T.L., "Teaching with the Internet" Internet and Higher Education, US, JAI Press, Stamford, CT, Vol. 1, No. 3, 1998, pages 217-222, XP002118719, ISSN: 1096-7516.	
	A41	AZUMA J., "Creating Educational Web Sites", IEEE Communications Magazine, US, IEEE Service Center, Piscataway, N.J., Vol. 37, No. 3, March 1999, pages 109-113, XP000823980, ISSN: 0163-6804.	
	A42	GOLDBERG, M.W. et al., "World Wide Web-Course tool: An environment for building WWW-based courses", Computer Networks and ISDN Systems, NL, North Holland Publishing, Amsterdam, Vol. 28, No. 11, May 1, 1996, Pages 1219-1231, XP004018222, ISSN: 0169-7552.	
	A43	An Interactive Lesson in the Interactive Course Series", Waite Group Press, Macmillan Computer Publishing, "Online! 1996, XP000829591, Retrieved from the Internet: URL:http://www.waite.com/> 'retrieved on 1996'	
	A44	GOORFIN, L., "Electronic Dictionary Pronounces over 83,000 Words", Speech Technology, Man-Machine Voice Communications, US, Media Dimensions Inc., New York, Vol. 4, No. 4, April 1, 1989, pages 78-79, XP000033505, ISSN: 0744-1355.	
	A45	HARTLEY, S. et al., "Enhancing Teaching Using the Internet", SIGCSE/SIGCUE Conference on Integrating Technology into Computer Science Education, US, New York, ACM, Vol. CONF. 1, June 2, 1996, pages 218-228, ISBN: 0-89791-844-4.	
	A46	SENO, H. et al., "A Consideration of Oata Transmission Method for Enhanced Teletext", NHK Science and Technical Research Laboratories, ITEJ Technical Report, Vol. 16, No. 71, October 1992, Japan, Pages 1-6.	
	A47	Technology Update, WORDPERFECT CORPORATION INTRODUCES WORDPERFECT 6.0 FOR DOS, <a href="http://www.nfbnet.org/files/word_processing/WP60.TXT">http://www.nfbnet.org/files/word_processing/WP60.TXT</a> , 3/24/1993	
	A48	T.V. Raman, "An Audio View of (LA)Tex Documents," Proceedings of the 1191 Annual Meeting, pages 1001-1008	
	A49	Microsoft Press Computer Dictionary Second Edition, Microsoft Press, 1994, p. 418	

Examiner Signature	Date Considered
--------------------	-----------------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup>Unique citation designation number. <sup>2</sup>See attached Kinds of U.S. Patent Documents. <sup>3</sup>Enter Office that issued the document, by the two-letter code. <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language translation is attached. AB indicates that only an English language abstract is attached.